

ROUND METAL CEILING LOUDSPEAKER

RCS6/T

The RCS range of ceiling loudspeakers have been carefully designed to blend seamlessly in to any installation. These units are stylish yet unobtrusive.

Made from a pressed steel epoxy coated chassis incorporating a twin cone driver, which offers a wider frequency response than a standard single cone, this gives the RCS range a superior performance. Designed to make installation quick and easy and suitable for use in applications where background music and speech are the primary requirement such as shops, schools, restaurants, hotels, public houses, offices etc.



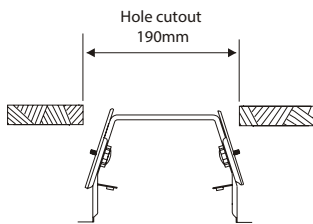
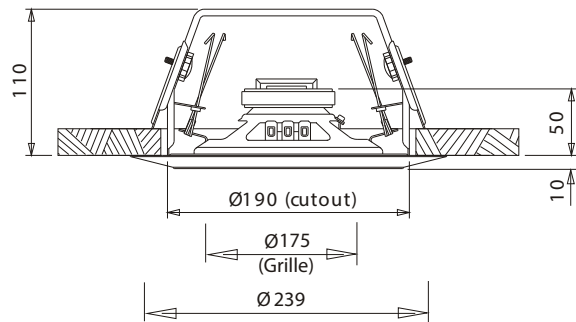
● Electrical	
Rated power, Watts	6
Tappings 100 volt line, Watts	6/3/1.5/0.75/0.25
Transformer Impedance, Ohms 100V	1.67k/3.33k/6.66k/13.3k/39.9k
Tappings 70.7 volt line, Watts	3/1.5/0.75/0.375/0.125
Driver impedance, Ohms	8
Effective Frequency Range, Hz (BS EN 60268-5)	65 - 18,500
S.P.L. @ 1m, 1 watt, dB, Test Signal Bandwidth 100Hz-10 kHz	95
S.P.L. @ Full power Octave Bandwidth, dB	103
Acoustic Power (dB-PWL@1 watt) 1 k/2kHz, dB	90/92
Dispersion at 1k/2k Hz, Degrees	180/110
Directivity Axial Q factor, 1k/2kHz	2.3/6.1
● Environmental	
IP Rating	21
Min/Max amb temp	-10°C to 55°C
Relative Humidity	n/a
● Mechanical	
Dimensions, diameter, mm	Ø239x110
Net weight, kg	1.2
Colour/Finish	White RAL9016
Material	Steel
Mounting	Torsion springs, Mounting bracket
Cut-out, mm	Ø190



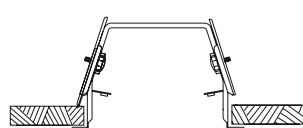
INSTALLATION GUIDE

RCS6/T

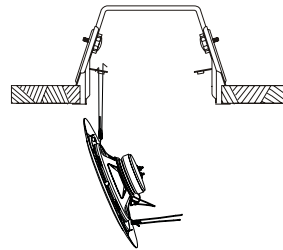
Side view
(unit: mm)



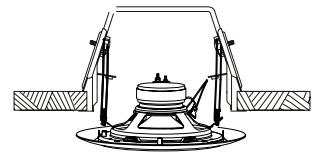
1) Cut the required hole for the speaker.



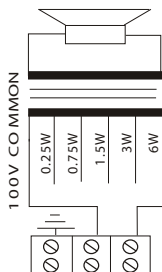
2) Loosen the retaining sliders and push to the top of the bracket. Once the bracket is through the hole pull down the sliders and tighten the retaining nut clamping the ceiling.



3) FITTING THE SPEAKER
Compress "V" spring and fit into the retaining ear within the bracket. Connect cable to terminal block and select wattage required.

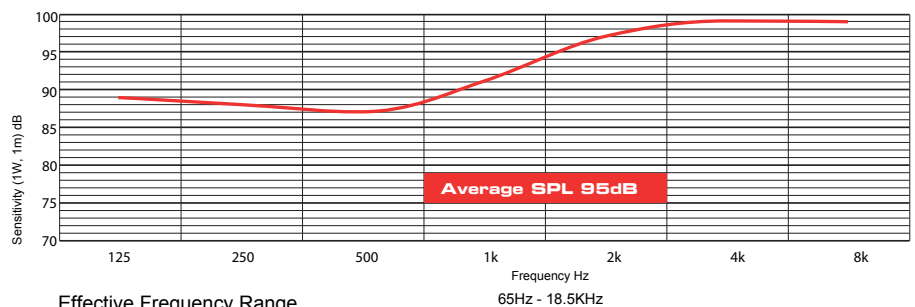


4) Fit second "V" clip into second retaining ears and gently push the speaker up into the bracket (do not push the central perforated grille area) the speaker will self locate into the bracket.



Circuit Diagram

Frequency response



Disclaimer: We reserve the right of changes and errors.



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